

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001997

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H02H 7/045

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H02H, G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6483680 B1 (KULIDJIAN, A ET AL), 19 November 2002 (19.11.2002), column 1, line 23 - line 31; column 1, line 44 - line 67; column 8, line 48 - line 56 --	1-7
A	US 5784233 A (BASTARD, P ET AL), 21 July 1998 (21.07.1998), column 1, line 17 - line 30, figure 3 --	1-7
A	SHENGLI HUANG ET AL: "Analysis of balanced and unbalanced faults in power systems using dynamic phasors." In: Power System Technology, 2002. Proc. PowerCon 2002. 13-17 Oct. 2002, pages 1550-1557 vol.3. See the abstract --	1-7

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier application or patent but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

1 April 2005

Date of mailing of the international search report

18-04-2005

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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2004/001997

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GAJIC, Z ET AL: "Verification of utility requirements on modern numerical transformer protection by dynamic simulation." In: Developments in Power System Protection, 2001, Seventh Int Conf on (IEE), 9-12 April 2001, pages 209-212. See page 211, column 1  --	1-7
A	US 6518767 B1 (ROBERTS, J B ET AL), 11 February 2003 (11.02.2003), abstract  -- -----	1-7

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

01/03/2005

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PCT/SE 2004/001997

US	6483680	B1	19/11/2002	NONE		
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				WO	0233426 A	25/04/2002